

ANZMAG NEWS - March 2019

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Dear all,

Welcome to the March 2019 edition of ANZMAG News. I hope everybody had a good week and is not too shocked to be almost in April. This month we have the following news for you.

GRANTS

With Fellowships, Discovery and LIEF applications over with for now (including the still large ROPE section) you might think grant writing season was over but there are still a few other opportunities out there.

The [National Foundation for Medical Research and Innovation](#) invites expressions of interest for its medical research grants. See <https://nfmri.org.au/research-and-innovation/apply-for-support/> and scroll down to the bottom for details.

The [Ian Potter foundation](#) is currently inviting Expressions of Interest (EOI) for its Science grants that support for grants led by [postdoctoral](#) researchers. The recommended minimum grant amount is \$100,000, which may be spread across several years. See <http://www.ianpotter.org.au/what-we-support/science> for more info.

If you want to look for other grants check out Grant Guru on <https://grantguru.com.au/> which has a huge range for you to look at. You can also try <https://www.researchprofessional.com/> which is another very useful database.

CONFERENCES

Registration for the [2019 ISMAR/EUROMAR](#) conference is now open at <https://conference.euroismar2019.org/event/1/>. This conference will take place in Berlin, August 25-30. The deadline for early registration, with reduced registration fees, is April 30. The deadline for abstracts for oral presentations is May 13. This conference will cover all areas of magnetic resonance, including NMR, MRI, EPR, novel experimental and computational methods, and applications in chemistry, biology, physics, and medicine.

The [12th Australian and New Zealand Society for Magnetic Resonance \(ANZMAG\)](#) conference will be held from Monday 25th to Thursday 28th of November 2019, hosted in the southwest region of Western Australia. The website is up and going at <http://www.anzmag2019.com/>

[60th Experimental Nuclear Magnetic Resonance Conference](#) will be held on April 7 - 12, 2019 at the Asilomar Conference Center, Pacific Grove, California. This conference has the best t-shirt that I have yet seen (and they come in six colours). See <http://nmrtubes.bmeurl.co/89E518C> for the details.

See http://nmr900.ca/nmr_events.html for a list of upcoming NMR, MRI and EPR related conferences.

JOBS AWARDS AND FELLOWSHIPS

The [University of Sydney](#) is looking for a Postdoctoral Research Associate in Biochemistry Cellular and Molecular Biology with lots of NMR. See <https://www.timeshighereducation.com/unijobs/en-au/listing/150108/postdoctoral-research-associate-in-biochemistry-cellular-and-molecular-biology/>

The [Auckland University of Technology](#) has a lecturer/senior lecturer position in chemistry currently being advertised with a preference for those with expertise in organic or analytical chemistry. Further details at <https://careers.aut.ac.nz/jobdetails?ajid=lqlta>.

The [Australian Academy of Science](#) invites nominations and applications for its 2020 honorific awards, research conferences, research awards and travelling fellowships. The closing date for award nominations is 1 May 2019 and the closing date to apply for travel, conference and research support is the 1 June 2019. See <https://www.science.org.au/files/userfiles/opportunities/documents/2020-academy-awards-flyer.pdf> for more details.

Perhaps of most interest to students Elite Editing is offering one [thesis write-up scholarship](#). This is open to final year PhD and Masters students who are conducting theses by research, and is intended to assist with living expenses during the most intensive part of the thesis write-up period. It provides a total of \$6,000 over a 12-week period. See <https://blogs.deakin.edu.au/bl-research-student-news/2018/10/12/elite-editing-thesis-write-up-scholarship/> for the advert and details.

FUNDAMENTALS OF DATA VISUALIZATION BY CLAUS O. WILKE

We all generate a lot of data but how best to display it. There is actually a lot of science that goes into that and you can now read a lot of great insight on it via the online preview of the book "Fundamentals of Data Visualization" by Claus O. Wilke to be published with O'Reilly Media, Inc. The book is meant as a guide to making visualizations that accurately reflect the data, tell a story, and look professional. The entire book is written in R Markdown, using RStudio as the text editor You can see more online at <https://serialmentor.com/dataviz/>

VALE PROFESSOR SHIZUO FUJIWARA

The NMR community is saddened by the news that Prof. Shizuo Fujiwara recently passed away. He was an important figure in the development of magnetic resonance in Japan, and was also an important figure in the establishment of the International Society of Magnetic Resonance. See <https://www.weizmann.ac.il/ISMAR/tribute-shizuo-fujiwara> for a tribute

STORIES FROM THE WEB

- <https://phys.org/news/2019-03-technique-in-cell-distance.html>
This story shows how, for the first time, electron paramagnetic resonance can be applied to determine distances between gadolinium(III)-based spin labels in cells
- <https://interestingengineering.com/new-mri-sensor-can-image-deep-into-our-brains>
This story is on a new imaging technology known as magnetic particle imaging (MPI) to image past tissue and organs to detect diseases deep inside the body
- <https://www.azom.com/article.aspx?ArticleID=17778> This is an interesting article on using ^{13}C NMR Spectroscopy for Assessing Regioselectivity of Hydrochlorination